

**Amendment to the Claims**

**BI** claims 1-12 canceled

please add the following new claims:

- BI**
- 1 13 (new) A computer system for inputting, storing, organizing and retrieving patient/user
  - 2 medical records, clinical tests, and personal identification data, primarily for use in
  - 4 emergency medical situations, comprising:
  - 5 a. providing medical records, clinical tests and other personal information and
  - 6 identification information of a patient/user;
  - 7 b. converting the medical records, clinical tests and other personal information to a
  - 8 digital record for storage in a data storage device;
  - 9 c. assigning a unique alpha numerical patient identifier code to the patient records and
  - 10 information
  - 11 d. providing a means for updating said patient/user medical information on a routine
  - 12 basis as their medical condition, prescriptions and clinical tests change
  - 11 e. providing a means of retrieving the medical records and data based on the users unique
  - 12 alpha numerical identifier code
  - 1 14 (new) The computer system of claim 1 wherein, simultaneously with digitizing the
  - 2 medical records and user ID information, a unique digital alpha numerical water mark is
  - 3 embedded into the document to verify its authenticity.
  - 1 15 (new) The computer system of claim 1 wherein, simultaneously with digitizing the
  - 2 medical records and user ID information, a unique alpha numerical digital physician
  - 3 signature is assigned and embedded into the document.
  - 1 16 (new) The computer system of claim 1 wherein a priority code is assigned to the digital
  - 2 records based on the clinical significance of the record, severity of condition and relevance
  - 3 to providing medical treatment to the user/patient.
  - 1 17 (new) The computer system of claim 1 wherein the digital records, with assigned unique
  - 2 patient identifier, unique digital physician signature, and priority code, are stored in a data
  - 3 storage device.

1 18 (new) The computer system of claim 1 wherein a request may be entered to retrieve  
2 patient medical records and other information using the unique alpha numerical patient  
3 identifier or other records identification means.

1 19 (new) The computer system of claim 1 wherein a request may be entered to retrieve  
2 patient medical records and other information using the digital physician signature  
3 identifier or other records identification means.

1 20 (new) The computer system of claim 1 wherein patient medical records and other  
2 information may be retrieved if the unique alpha numerical patient identifier entered with  
3 the retrieval request matches a stored database of patient identifiers.

B2 1 21 (new) The computer system of claim 1 wherein patient medical records and other  
2 information may be retrieved if the digital physician signature entered with the retrieval  
3 request matches a stored database of digital physician signatures.

1 22 (new) The computer system of claim 16 wherein said priority code is assigned  
2 according to a weighted average means or other calculated means, based on the severity  
3 of the medical condition, and its clinical relevance in treating the patient/user during a  
4 medical emergency, or for other routine medical treatments. .

1 23 (new) The computer system of claim 1 wherein the patient/user medical data is  
2 condensed and organized in data fields in digital page format.

1 24 (new) The computer system of claim 1 wherein the patient/user medical is organized in  
2 data fields based on the clinical relevance and/or utility of the data in treating a patient in a  
3 medical emergency, or other medical scenario.

1 25 (new) The computer system of claim 1 wherein said unique patient identifier is provided  
2 for security and identification and said digital records are retrieved using 24 hour a  
3 day intranet or internet access (website viewing, download or other means) during a  
4 medical emergency or other medical scenario to provide clinically accurate and timely  
5 medical treatment to said patient/user.

1 26 (new) The computer system of claim 1 wherein said unique patient identifier is provided  
2 for security and identification and said digital records and other personal information are  
3 accessed and updated using 24 hour a day intranet or internet access (website  
4 viewing, download or other means).

1 27 (new) The computer system of claim 1 wherein said digital physician signature is  
2 provided for security and identification and said digital records and other personal  
3 information are accessed and updated using 24 hour a day intranet or internet  
4 access (website viewing, download or other means).

1 28 (new) The computer system of claim 1 wherein said unique patient identifier and/or  
2 unique digital physician signature are provided and said medical data is retrieved  
3 using 24 hour a day e-mail access for timely access to the medical data in a medical  
4 emergency or other medical scenario, or for routine updating of said patient records.

1 29 (new) The computer system of claim 1 wherein said unique patient identifier is provided  
2 and said medical data and information rapidly retrieved using 24 hour a day  
3 telephone voice access, for emergency and/or routine patient treatment and reference.

1 30 (new) The computer system of claim 1 wherein said digital physician signature is  
2 provided and said medical data is rapidly retrieved using 24 hour a day telephone voice  
3 access, for emergency and/or routine patient treatment and reference

1 31 (new) The computer system of claim 1 wherein the user/patient medical data is  
2 encrypted for securing and confidentiality.

1 32 (new) The computer system of claim 15 wherein the unique alpha numerical physician  
2 signatures are stored in a digital library, and said physician signatures are compared to  
3 new and existing patient records to verify their originality and medical integrity.

1 33 (new) The computer system of claim 1 wherein the patient/user medical  
2 records and prescriptions can be updated and changed as a patient's condition  
3 changes via the Internet or Intranet, using the unique patient identifier or other means,  
4 for security access and confidentiality, continuously and 24 hours a day.

1 34 (new) The computer system of claim 1 wherein said patient medical records and data  
2 can be rapidly electronically mailed to remote locations, via wireless, optical or other  
3 appropriate electronic means for timely treatment of patient in a medical emergency or  
4 for routine medical treatment, continuously and 24 hours a day.

1 35 (new) The computer system of claim 1 wherein a unique telephone exchange system  
2 and a plurality of computer workstations allow for a plurality of different patient records to  
3 be simultaneously transmitted and received by the system continuously and 24 hours a  
4 day.

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1 36 (new) The computer system of claim 1 wherein the original patient records are  
2 converted to digital format by a unique optical scanner which simultaneously embeds  
3 (digital watermark) said unique digital physician signature and unique patient identifier into  
4 said patient record to verify document originality and for security purposes.

1 37 (new) The computer system of claim 1 wherein the patient records can be  
2 accessed from a remote location and printed in hard copy format via any appropriate  
3 black and white or color printing means where in the medical diagnostic and medical  
4 integrity of the records is maintained, for emergency medical treatment or other medical  
5 purposes.

1 38 (new) The computer system of claim 1 wherein said records can be accessed  
2 remotely via the internet, telephone voice system, e-mail or other means, by  
3 assigning a unique security PIN number, or other appropriate security means, to the user.

1 39 (new) The computer system of claim 1 wherein a unique signal  
2 router/controller allows for a plurality of patient records to be simultaneously transmitted  
3 and received without data corruption or crosstalk, security checked with said physician  
4 signature and/or said patient identifier, to service a plurality of medical emergencies or  
5 other medical scenarios in a secure and confidential manner.

1 40 (new) The computer system of claim 1 wherein a plurality of data inputs from remote  
2 locations, including said unique optical scanners and/or existing digital databases,  
3 can transmit and receive secure patient records, for access in a medical emergency  
4 and for other medical scenarios.

1 41 (new) The computer system of claim 1 having appropriate remote and local computer  
2 workstations to input, transmit and receive said patient records and data 24 hours  
3 a day to service medical emergencies and other medical scenarios.

1 42 (new) The computer system of claim 1 wherein the patient records and  
2 data are accessed through a telephone exchange via the unique patient  
3 identifier, or said physician signature, or other appropriate security means on a 24 hour  
4 basis for servicing medical emergencies and other medical scenarios.

1 43 (new) The computer system of claim 1 wherein the patient can wear or carry a medical  
2 card, medical jewelry or other appropriate device which designates that the person  
3 has a medical condition and that their medical records are accessible using a 24 hour  
4 telephone communications system.

1 44 (new) The computer system of claim 43 wherein the unique alpha numerical identifier is  
2 used over the telephone to identify the patient/user and their medical records.

1 45 (new) The computer system of claim 1 wherein the patient can wear or carry a medical  
2 card, medical jewelry or other appropriate device which designates that the person  
3 has a medical condition, and that their medical records are accessible using their  
4 unique identifier number and the Internet, or website access.

1 46 (new) The computer system of claim 1 wherein the patient can wear or carry a medical  
2 card, medical jewelry or other appropriate device which designates that the person  
3 has a medical condition, and that their medical records are accessible using their  
4 unique identifier number and the Internet for routine updating of medical records  
5 and other information,

47 (new) A process, including appropriate software routines, for inputting, storing, organizing and retrieving patient/user medical records, clinical tests, and personal identification data, primarily for use in emergency medical situations, comprising:

- a. providing medical records, clinical tests and other personal information and identification of a patient/user;
- b. converting said medical record and other personal information to a digital record for storage in a data storage device;
- c. assigning a unique alpha numerical patient identifier code to the medical records and other personal information;
- d. providing a means for updating said patient/user medical information on a routine basis as their medical condition, prescriptions and clinical tests change.
- e. providing a means for retrieving the medical records and personal data based on the user's unique alpha numerical identifier code.

1 48 (new) The process of claim 47 wherein, simultaneously with digitizing the  
2 medical records and user ID information, a unique digital alpha numerical water mark is  
3 embedded into the document to verify its authenticity.

1 49 (new) The process of claim 47 wherein, simultaneously with digitizing the  
2 medical records and user ID information, a unique alpha numerical digital physician  
3 signature is assigned and embedded into the document.

1 50 (new) The process of claim 47 wherein a priority code is assigned to the digital  
2 records based on the clinical significance of the record, severity of condition and relevance  
3 to providing medical treatment to the user/patient

1 51 (new) The process of claim 47 wherein the digital medical records and other user  
2 information, and unique alpha numerical identifier, are stored in a data storage device.

1 52 (new) The process of claim 47 wherein a request may be entered to retrieve  
2 patient medical records and other information using the unique alpha numerical patient  
3 identifier or other records identification means.

1 53 (new) The process of claim 47 wherein a request may be entered to retrieve  
2 patient medical records and other information using the digital physician signature  
3 identifier or other records identification means.

1 54 (new) The process of claim 47 wherein patient medical records and other  
2 information may be retrieved if the unique alpha numerical patient identifier entered with  
3 the retrieval request matches a stored database of patient identifiers.

1 55 (new) The process of claim 47 wherein patient medical records and other  
2 information may be retrieved if the digital physician signature entered with the retrieval  
3 request matches a stored database of digital physician signatures

1 56 (new) The process of claim 50 wherein said priority code is assigned according  
2 to a weighted average means or other calculated means, based on the severity of the  
3 medical condition, and its clinical relevance in treating the patient/user during a  
4 medical emergency, or for other routine medical treatments. .

1 57 (new) The process of claim 47 wherein the patient/user medical data is  
2 condensed and organized in data fields in digital page format .

1 58 (new) The process of claim 47 wherein the patient/user medical data is  
2 condensed and organized in data fields based on the clinical relevance and/or utility of the  
3 data in treating a patient in a medical emergency, or other medical scenario.

1 59 (new) The process of claim 47 wherein said unique patient identifier is provided for  
2 security and identification and said digital records are rapidly retrieved using 24 hour a day  
3 intranet or internet access (website viewing, download or other means) during a medical  
4 emergency or other medical scenario to provide clinically accurate and timely medical  
5 treatment to said patient/user.

1 60 (new) The process of claim 47 wherein said unique patient identifier is provided  
2 for security and identification and said digital records and other personal information are  
3 accessed and updated using 24 hour a day intranet or internet access (website  
4 viewing, download or other means).

1 61 (new) The process of claim 47 wherein said digital physician signature is  
2 provided for security and identification and said digital records and other personal  
3 information are accessed and updated using 24 hour a day intranet or internet  
4 access (website viewing, download or other means).

1 62 (new) The process of claim 47 wherein said unique patient identifier and/or  
2 unique digital physician signature are provided and said medical data is retrieved  
3 using 24 hour a day e-mail access for rapid access to the medical data in a medical  
4 emergency or other medical scenario, or for routine updating of said patient records.

1 63 (new) The process of claim 47 wherein said unique patient identifier is provided  
2 and said medical data is rapidly retrieved using 24 hour a day telephone voice access, for  
3 emergency and/or routine patient treatment and reference.

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1 64 (new) The process of claim 47 wherein said digital physician signature is  
2 provided and said medical data is rapidly retrieved using 24 hour a day telephone voice  
3 access, for emergency and/or routine patient treatment and reference

1 65 (new) The process of claim 47 wherein the user/patient medical data is encrypted  
2 for securing and confidentiality.

1 66 (new) The process of claim 49 wherein the unique alpha numerical physician  
2 signatures are stored in a digital library, and said physician signatures are compared to  
3 new and existing patient records to verify their originality and medical integrity.

1 67 (new) The process of claim 47 wherein the patient/user medical  
2 records and prescriptions can be updated and changed as a patient's condition changes  
3 via the Internet or Intranet, using the unique patient identifier or other means, for security  
4 access and confidentiality, continuously and 24 hours a day.



1 68 (new) The process of claim 47 wherein said patient medical records and data can  
2 be rapidly electronically mailed to remote locations, via wireless, optical or other  
3 appropriate electronic means for timely treatment of patient in a medical emergency or  
4 for routine medical treatment, continuously and 24 hours a day.

1 69 (new) The process off claim 47 wherein a unique telephone exchange system and a  
2 plurality of computer workstations allow for a plurality of different patient records to be  
3 simultaneously transmitted and received by the system continuously and 24 hours a day.

1 70 (new) The process of claim 47 wherein the original patient records are converted to  
2 digital format by a unique optical scanner which simultaneously embeds (digital  
3 watermark) said unique digital physician signature and unique patient identifier into  
4 said patient record to verify document originality and for security purposes.

BZ  
1 71 (new) The process of claim 47 wherein the patient records can be  
2 accessed from a remote location and printed in hard copy format via any appropriate  
3 black and white or color printing means where in the medical diagnostic and medical  
4 integrity of the records is maintained, for emergency medical treatment or other medical  
5 purposes.

1 72 (new) The process of claim 47 wherein said records can be accessed in a  
2 remotely via the internet, telephone voice system, e-mail or other means, by  
3 assigning a unique security PIN number, or other appropriate security means, to the user.

1 73 (new) The process of claim 47 wherein a unique signal  
2 router/controller allows for a plurality of patient records to be simultaneously transmitted  
3 and received without data corruption or crosstalk, security checked with said physician  
4 signature and/or said patient identifier, to service a plurality of medical emergencies or  
5 other medical scenarios in a secure and confidential manner.

1 74 (new) The process of claim 47 wherein a plurality of data inputs from remote  
2 locations, including said unique optical scanners and/or existing digital databases,  
3 can transmit and receive secure patient records, for access in a medical emergency  
4 and for other medical scenarios.

1 75 (new) The process of claim 47 having appropriate remote and local computer  
2 workstations to input, transmit and receive said patient records and data 24 hours  
3 a day to service medical emergencies and other medical scenarios.

1 76 (new) The process of claim 47 wherein the patient records and data  
2 are accessed through the unique telephone exchange via the unique patient  
3 identifier, or said physician signature, or other appropriate security means on a 24 hour  
4 basis for servicing medical emergencies and other medical scenarios.

BZ 1 77 (new) The process of claim 47 wherein the patient can wear or carry a medical  
2 card, medical jewelry or other appropriate device which designates that the person  
3 has a medical condition and that their medical records are accessible using a 24 hour  
4 telephone communications system.

1 78 (new) The process of claim 77 wherein the unique alpha numerical patient identifier is  
2 used to identify the user via the 24 hour a day telephone communications system.

1 79 (new) The process system of claim 47 wherein the patient can wear or carry a medical  
2 card, medical jewelry or other appropriate device which designates that the person  
3 has a medical condition, and that their medical records are accessible using their  
4 unique identifier number and the Internet, or website access.

1 80 (new) The process of claim 47 wherein the patient can wear or carry a medical  
2 card, medical jewelry or other appropriate device which designates that the person  
3 has a medical condition, and that their medical records are accessible using their  
4 unique identifier number and the Internet for routine updating of medical records  
5 and other information,